

Color: White

Weight: 6.7 lbs

Project:

Type:

Prepared By:

Date:

**Driver Info**

Type	Constant	Watts	30/25/18W
120V	0.25A/0.21A/0.15A	Color Temp	3500K/4000K/5000K
208V	0.15A/0.12A/0.09A	Color Accuracy	84-85 CRI
240V	0.13A/0.10A/0.08A	L70 Lifespan	N/A
277V	0.11A/0.10A/0.07A	Lumens	2,293-3,814 lm
Input Watts	17-28.58W	Efficacy	125.69-138.1 lm/W

**Technical Specifications****Compliance****UL Listed:**

Suitable for damp locations

**IESNA LM-79 & LM-80 Testing:**

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80

**DLC Listed:**

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.

DLC Product Code: S-R1IK8X

**Electrical****Driver:**

30W: Class 2, Constant Current, 120-277V, 50/60 Hz, 120V: 0.25A, 208V: 0.15A, 240V: 0.13A, 277V: 0.11A

25W: Class 2, Constant Current, 120-277V, 50/60 Hz, 120V: 0.21A, 208V: 0.12A, 240V: 0.10A, 277V: 0.10A

18W: Class 2, Constant Current, 120-277V, 50/60 Hz, 120V: 0.15A, 208V: 0.09A, 240V: 0.08A, 277V: 0.07A

**Dimming Driver:**

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

**THD:**

3.41% at 120V, 4.37% at 277V

**Power Factor:**

99.67% at 120V, 96.3% at 277V

**Battery Backup:**

Battery backup will operate the fixture for 90 minutes if power fails. Wired for 120.

**Surge Protection:**

2.5kV

**Construction****Housing:**

Steel sheet metal

**Cold Weather Starting:**

The minimum starting temperature is -20°C (-4°F)

**Ambient Temperature:**

Suitable for use in up to 40°C (104°F)

**Reflector:**

High-reflectance, powder-coated finish, optimized for uniform light distribution

**Mounting:**

Recessed ceiling

**Lens:**

Polycarbonate lens

**Finish:**

Formulated for high durability and long-lasting color

**Green Technology:**

Mercury and UV free. RoHS-compliant components.

**LED Characteristics****LEDs:**

Long-life, high-efficacy, surface-mount LEDs

**Color Stability:**

LED color temperature is warrantied to shift no more than 200K in color temperature over a 5-year period

**Color Uniformity:**

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

**Performance****Lifespan:**

50,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

### Technical Specifications (continued)

#### Other

##### 5 Yr Limited Warranty:

The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

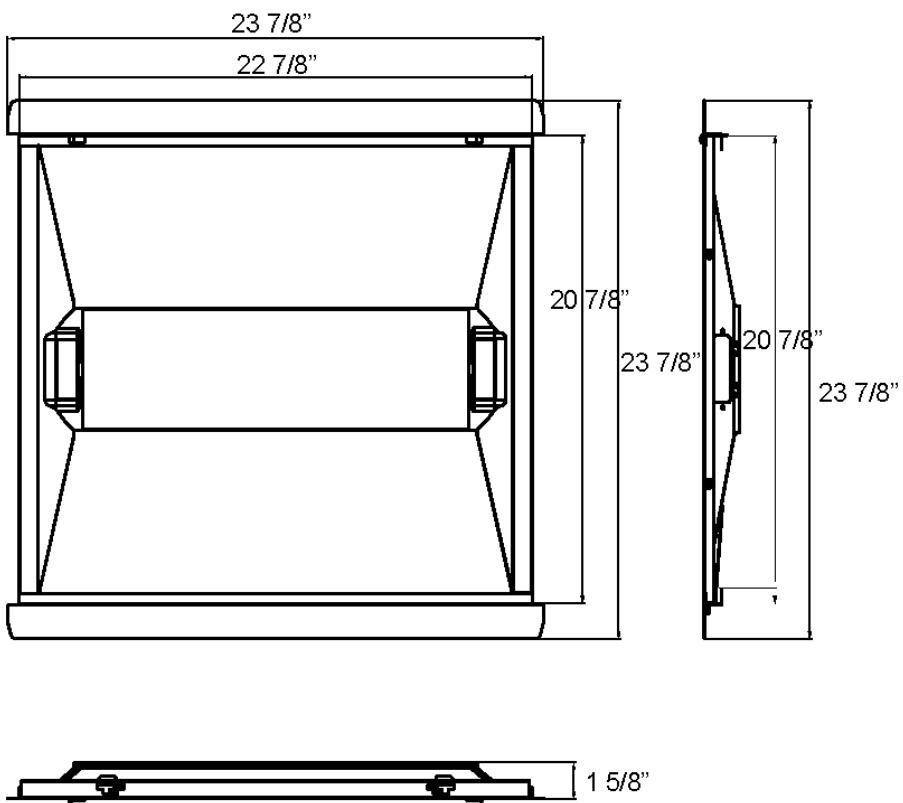
#### Note:

All values are typical (tolerance +/- 10%)

#### Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

### Dimensions



**Ordering Matrix**

Family	Size (Wattages)	Color Temp	Finish	Voltage	Options
RTLED	2X2				
	<b>2X2 = 2' x 2' (30/25/18W)</b> <b>1X4 = 1' x 4' (30/25/18W)</b> <b>2X4 = 2' x 4' (35/30/25W)</b>	<b>Blank = 3500K/4000K/5000K Adjustable</b>	<b>Blank = White</b>	<b>Blank = 120-277V, 0-10V Dimming</b>	<b>Blank = No Option</b> <b>/E = Battery Backup</b> <b>/MVS = Microwave Occupancy Sensor</b> <b>/LCB = Lightcloud Blue Enabled</b> <b>/LCBS = Lightcloud Blue Enabled w/ PIR Sensor</b> <b>/LCBS/MVS = Lightcloud Blue Enabled w/ MVS Sensor</b> <b>/MVS/E = Microwave Occupancy Sensor w/ Battery Backup</b> <b>/LCB/E = Lightcloud Blue Enabled w/ Battery Backup</b> <b>/LCBS/E = Lightcloud Blue Enabled w/ PIR Sensor &amp; Battery Backup</b> <b>/LCBS/MVS/E = Lightcloud Blue Enabled w/ MVS Sensor &amp; Battery Backup</b>